

## HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>UTILITY</b> <b>PATENT APPLICATION</b> <b>TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</i>	Attorney Docket No.	0100.1019-018
	First Named Inventor or Application Identifier	Michael D. Borenstein
	Express Mail Label No.	EV 214914919 US

**Title of  
Invention**

## APPARATUS AND METHODS FOR HEAT LOSS PRESSURE MEASUREMENT

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:** **Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

22241 U.S.PTO  
10/630458

07/30/03

<p>1. [ X ] Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. [ X ] Specification                   <b>Total Pages [ 40 ]</b> <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>3. [ X ] Drawing(s) (35 U.S.C. 113)   <b>Total Sheets [ 7 ]</b>  <input checked="" type="checkbox"/> Fig. of the Drawings for Publication    [Fig. 7]  <input type="checkbox"/> No Figure to be Published</p> <p>4. [ X ] Oath or Declaration                   <b>Total Pages [ 2 ]</b></p> <ul style="list-style-type: none"> <li>a. [ X ] Newly executed (original or copy)</li> <li>b. [ ] Copy from a prior application (37 C.F.R. 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <ul style="list-style-type: none"> <li>i. [ ] <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> <p>5. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></p>	<p>6. [ ] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <ul style="list-style-type: none"> <li>a. [ ] Computer Readable Form</li> <li>b. [ ] Paper Copy (identical to computer copy) [ ] Pages</li> <li>c. [ ] Statements verifying identity of above copies</li> </ul>
<h3>ACCOMPANYING APPLICATION PARTS</h3>	
<p>7. [ X ] Assignment Papers (cover sheet &amp; documents)  <input checked="" type="checkbox"/> Assignee - Helix Technology Corporation Mansfield, Massachusetts</p> <p>8. [ ] Power of Attorney                   [ ] 37 C.F.R. 3.73(b) Statute</p> <p>9. [ ] English Translation Document <i>(if applicable)</i></p> <p>10. [ ] Information Disclosure Statement (IDS)/PTO-1449           [ ] Copies of IDS Citations</p> <p>11. [ ] Preliminary Amendment</p> <p>12. [ X ] Return Receipt Postcard</p> <p>13. [ ] Small Entity Statement(s)</p> <p>14a. [ ] Foreign Priority Claim under 35 U.S.C. §119 or 365</p> <p>14b. [ ] Certified Copy of Priority Document(s)</p> <p>15. [ ] Nonpublication Request <i>(check parent application)</i></p> <p>16. [ ] Other _____</p>	

## **ACCOMPANYING APPLICATION PARTS**

7. [ X ] Assignment Papers (cover sheet & documents)  
[ X ] Assignee - Helix Technology Corporation  
Mansfield, Massachusetts

8. [ ] Power of Attorney [ ] 37 C.F.R. 3.73(b) Statement

9. [ ] English Translation Document (*if applicable*)

10. [ ] Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations

11. [ ] Preliminary Amendment

12. [X] Return Receipt Postcard

13. [ ] Small Entity Statement(s)

14a. [ ] Foreign Priority Claim under 35 U.S.C. §119 or 365

14b. [ ] Certified Copy of Priority Document(s)

15. [ ] Nonpublication Request (*check parent application*)

16. [ ] Other \_\_\_\_\_

17. If a **CONTINUING APPLICATION**, check appropriate box; supply the requisite information.

[ X ] Continuation    [ ] Divisional    [ ] Continuation-in-part (CIP)    of prior application No.: 09/583,339

Prior application information: Examiner: Alandra Ellington Group Art Unit: 2855

The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.

#### **18 CORRESPONDENCE ADDRESS**

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Signature		Date	7/30/2003
Submitted by Typed or Printed Name	Darrell L. Wong	Reg. Number	36,725

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>	Attorney Docket Number	0100.1019-018
	Application Number	
	First Named Inventor	Michael D. Borenstein

CLAIM CALCULATION (includes any preliminary amendment)

22241 U.S. PTO  
10/6/0458  
07/30/03

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	35 - 20* =	15	x \$ 18 =	\$ 270
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	6 - 3** =	3	x \$ 84 =	\$ 252
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 280 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 750
			Total of above Calculations =		\$ 1272
			Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =		\$
			TOTAL =		\$ 1272
			Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =		\$
			Petition for Extension of Time Fee (37 C.F.R. 1.17) =		\$
			Assignment Recordation Fee = (only when filed with application)		\$ 40
			[Other]		\$
	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent			TOTAL =	\$ 1312

1. Small entity status:

- a.  A small entity statement is enclosed.
- b.  A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
- c.  Is no longer claimed.

2.  A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3.  A check is enclosed for \$1312.  Please charge \$[ ] to Deposit Account No. 08-0380.

4.  Other: \_\_\_\_\_

Signature

Date

7/30/2003

Submitted by  
Typed or Printed Name

Darrell L. Wong

Reg. Number

36,725